

### **Abstract**

The present invention relates to a method and network node for distributing a network parameter information among network nodes of a transmission network. A spanning tree of routing paths corresponding to the shortest paths from said network node to other nodes is determined based on a topology information of the transmission network, and is used to distribute the network parameter information from the network node to the other network nodes. Thereby, the updating message or packet traffic can be reduced dramatically as compared to the conventional flooding scheme.

10 [Fig. 6]